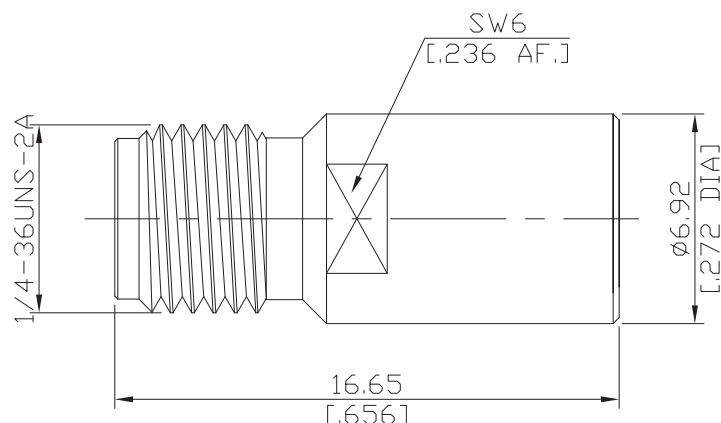


# SMA Jack (Female) Termination DC-18 GHz; 1Watt; VSWR1.2

## T-A25-18G1WA / 91



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012 SMA; MIL-STD-348/310

### Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.2 (≥ 20.83 dB)

Center Contact Resistance

≤ 3 mΩ

Outer Contact Resistance

≤ 2 mΩ

Average power at 25°C

1 Watt

### Material And Plating

Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)
Insulator	PTFE	

### Mechanical Data

Coupling mechanisms

Screw-lock

Mating Cycles

≥ 500

Coupling Nut Retention

N/A

Center Contact Captivation

≥ 20 N

Coupling Test Torque

1.70 Nm max.

Recommended Torque

0.59 Nm

### Environmental Data

Temperature Range

-55°C to +125°C

Thermal shock

MIL-STD-202, Method 107, Condition B

Corrosion

MIL-STD-202, Method 101, Condition B

Vibration

MIL-STD-202, Method 204, Condition D

Shock

MIL-STD-202, Method 213, Condition I

Moisture Resistance

MIL-STD-202, Method 106

RoHS

compliant

### Packing

Single or 100